

ELECTRICAL SAFETY FOLLOW UP INSPECTION REPORT (5TH)

Factory Name	Nafa Apparels Ltd.(Former Palmal Knitwear Factory Ltd.)			Note:	
Address	Hizalhati, Baroipara, Kaliakoir, Gazipur				
FACTORY ID	10154	ELECTRICAL SAFETY INSPECTION DATES			Other Factory:
Initial Inspection Date		04/09/2014	10/25/2016	Date of 5 th Follow Up	
Report Received Date		04/22/2014		Date of 6 th Follow Up	
Date of 1st Follow Up		05/20/2015		Date of 7 th Follow Up	
Date of 2nd Follow Up		02/01/2016		Date of 8 th Follow Up	
Date of 3rd Follow Up		04/17/2016		Date of 9 th Follow Up	
Date of 4th Follow Up		06/08/2016		Date of 10 th Follow Up	
Inspected by	Afifa Tajrin				

Item No	Accord Inspection Observation	Accord Action Plan (Recommendation)	Accord Time line (given in report)	Comments from Accord (After Physical Inspection)	Final Timeline (Approved timeline)	Final Action Plan (Factory)	Progress Status (On the date of inspection)	Pictorial Evidence
1	Excessive dust and lint deposit on transformer.	Switch off the HT panel and clean the transformer. Establish a routine cleaning program to keep the substation neat and clean.	Within 1 month	Corrected in first follow-up inspection.	12/06/2014	Factory has already developed a Cleaning Schedule and periodically Cleaning the Sub-Station after switching of the HT Panel.	Corrected	

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2	Generator exciter batteries and charger placed on the concrete floor without protection.	Install a metallic stand (acid proof) and keep the batteries and charger on it. Insulate the battery terminals to avoid short circuit. Establish a maintenance checklist for the generator where the checking point of batteries should be included.	Within 1 month	Corrected in first follow-up inspection.	12/06/2014	Factory has already installed metallic stand (acid proof) and kept the batteries and charger on it. Factory also Insulated the battery terminals to avoid short circuit. Factory Management has developed a maintenance checklist for the generator including checking point of batteries and implementing the same.	Corrected	
3	Outgoing cables drawn from LT panel not properly supported and protected.	Construct cable trench or additional covered cable tray or ladder to route and protect the outgoing LT distribution cables from LT panel.	Within 3 months	Corrected in first follow-up inspection.	12/06/2014	Factory will do the same within 24th September.	Corrected	
4	Panel not securely fixed to foundation.	Panel base must be securely fixed to the foundation, with appropriate fastening devices. Panel base frame should be fixed to the foundation to withstand the panel firmly to the base to avoid incident.	Within 3 months	Corrected in first follow-up inspection.	12/06/2014	Factory has already fixed the foundation securely with appropriate fastening devices. Panel base frame is also been fixed to avoid any incident.	Corrected	

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5	Cables terminated to distribution panel not fully protected (covered).	Cables terminating to distribution panel must be fully encased in conduit from the channel to cable gland.	Within 3 months	Corrected in second follow-up inspection.	30/08/2015	Factory will do the same within 24th September.	Corrected	
6	Combustible materials (lint, dust and debris) found inside cable channel	Shutdown the power and clean the channels. Make sure that all the channels and trays should be covered to keep it dust and vermin proof. Establish a routine cleaning program to keep all the channels neat and clean run over the floor to avoid fire hazard.	Within 3 months	Corrected in first follow-up inspection.	12/06/2014	Factory will do the same within 24th September.	Corrected	
7	Combustible material (paper) kept on control device casing.	Remove the paper. Combustible materials should not be kept near any kind of electrical panels to avoid fire hazard. An awareness sign can be displayed to alert the operational personnel to avoid keeping combustible materials near panel.	Within 1 month	Corrected in first follow-up inspection.	12/06/2014	Factory has already removed the combustible materials near electrical panel to avoid fire hazard. Factory also posted awareness sign to alert the operational personnel to avoid keeping combustible materials near panel.	Corrected	

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8	Current transformers (CT) kept unsupported.	Provide mechanical support for the CTs.	Within 1 month	Corrected in second follow-up inspection.	30/08/2015	Factory has already provided mechanical support for the CTs.	Corrected	
9	Distribution cables in trench not protected and supported.	Clean the cable trench and install covered cable tray or ladder to support the cables vertically then pass and the cables through cable trench. Provide cover on the cables trench and make sure that the trench should be kept dry (no ingress of water); dust and vermin proof.	Within 3 months	Corrected in first follow-up inspection.	12/06/2014	Factory will do the same within 24th September.	Corrected	
10	New Finding: No separation between LT panels and HT units (Transformer, HT switchgear)	Make a brick built separation between LT and HT units; ensure that after making separator you have adequate ventilation (cross ventilation) and working clearance around each electrical equipment.	Within 3 months.	Corrected in second follow-up inspection.	31/12/2015	Planning of LT separation done. Estimation in progress.	Corrected	

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11	New Finding: HT cables laid on sub station room floor.	Use a cable tray to ensure adequate support. This must not be routed/ supported through the equipment' working clearance area.	Within 3 months.	Corrected in second follow-up inspection.	05/11/2015	the work has been done need verification	Corrected	
12	New Finding: Transformer Arcing horns are not aligned.	Transformer arcing horn should be aligned.	Within 1 month.	Corrected in second follow-up inspection.	20/06/2015		Corrected	
13	New Finding: Transformer Breather oil cup is empty.	Fill the transformer breather oil cup by transformer oil.	Within 1 month.	Corrected in second follow-up inspection.	20/06/2015		Corrected	

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14	New Finding: Cables are laid directly on ground.	Install the cables through cable tray for the protection of the cable laid on floor. The tray must be fixed/clamped with saddle on floor at regular interval.	Within 4 months.	Corrected in second follow-up inspection.	15/12/2015	About 60% of the work has been done and rest 40% in progress	Corrected	
15	New Finding: Thermo graphic scanning of the entire electrical system has not been tested and recorded.	Thermo graphic scanning for the entire electrical system must be performed on a bi-annual basis and recorded.	Within 4 months.	Corrected in second follow-up inspection.	20/06/2015		Corrected	
16	New Finding: Electrical Single Line Diagram (SLD) is not amended properly.	Amend Electrical SLD properly. Mention all the modification there as present in the factory.		Corrected in third follow-up inspection.	10/04/2016	Re-submitted to Accord on last 03-04-16. Approved.	Corrected	

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17	New Finding: Generator frame is not earthed by 2 separate and distinct earth.	Generator must be connected to earth securely at least two points.	Within 3 months.	Corrected in second follow-up inspection.	05/11/2015	the work has been done need verification	Corrected	
18	New Finding: MCCBs are not adjusted accordingly	Adjust all the MCCBs according to cable ampacity (connected load). Avoid using different sized cable at the terminals.	Within 3 months.	Corrected in second follow-up inspection.	30/11/2015		Corrected	
19	New Finding: Early Streamer Emission (ESE) type Lightning Protection system has no design, certificate and test report.	Submit design, field test report, third party (UL, FM, Intertek, TUV, USTC, ARL etc.) to Accord for acknowledgement.	Within 2 months.	On 17/04/2016: Not Corrected Installation is not completed. New timeline is given till 30/05/2016 On 08/06/2016: Corrected.	30/04/2016	Completed	Corrected	

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20	New Finding: Earth pits are not identifiable.	Identify each earth pit and mark it for periodic maintenance purpose.	Within 4 months.	Corrected in second follow-up inspection.	30/11/2015		Corrected	
21	New Finding: Exhaust fans are running without Circuit breaker or any protective means.	The exhaust fans may be controlled by Direct-On-Line (DOL) switch or use adequate circuit breaker.	1 Month	Corrected in third follow-up inspection.	01/02/2016	Completed	Corrected	
22	New Finding: Store room has no/insufficient illumination	Store room must have adequate illumination (use electrical connection through secure path e.g. GI steel pipe and you may keep switch outside of the room; ensure 150lux inside the room).	1 Month	On 17/04/2016: Not Corrected New timeline is given till 30/05/2016 to close this issue On 08/06/2016: Corrected.	30/05/2016	Material purchasing ongoing.	Corrected	

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23	New Finding: Exposed and heated steam line is close to cable channel.	Wires close/attached to steam line/heat source must be protected from external heat. In unavoidable case provide proper insulation for the heat source/steam line. Normally power cable should keep 0.9m apart from hot area.	1Month	Corrected in the 4th follow-up visit.	30/04/2016	Completed	Corrected	